

Message Text

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TAGS: PARM, US, UR

SUBJECT: TTBT/PNE NEGOTIATIONS: WORKING GROUP TWO MEETING, 10/9/75

TTBT/PNE DELEGATINS MESSAGE NO. 38

1. SUMMARY. WORKING GROUP II MET AT 10:00 (HECTROTTE, FRYKLUND, MCALLISTER, NORKYKE, TUNIK, AND SAFRONOV, BEZUMOV, KOVALEV, MYASNIKOV, NOVIKOV, RADIONOV PERWENT). US SIDE ASKED QUESTIONS ABOUT SOVIET DEFINITIONS. US SIDE THEN ASKED QUESTIONS ABOUT SOVIET CHANGES FROM US FORMULATIONS IN SOVIET ARTICLE II ON INFORMATION EXCHANGE. US SIDE MADE GENERAL COMMENT ON INADEQUACY OF SOVIET ARTICLE IV, BUT DID NOT ASK SPECIFIC QUESTION. END SUMMARY.

2. US SIDE BEGAN WORKING GROUP II MEETING BY STATING THAT QUESTIONS AND COMMENTS TO BE ADDRESSED TO SOVIET SIDE WERE TO GAIN CLEAR UNDERSTANDING OF SOVIET PROTOCOL TEXT.

3. US SIDE STATED THAT MEANING AND NEED FOR SOVIET DEFINITION OF INDIVIDUAL EXPLOSION WAS NOT CLEAR. SAFRONOV STATED THAT DEFINITIONS OF EXPLOSION, GROUP OF EXPLOSIONS, INDIVIDUAL EXPLOSION AND SINGLE EXPLOSION WERE INTRODUCED TO AVOID USE OF WORD "EVENT" IN US DRAFT, WHICH PUZZLED THEM IN TRANSLATION.

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SAFRONOV SAID THAT DEFINITION OF INDIVIIDUAL EXPLOSION WAS TO

PROVIDE IN PRINCIPLE FOR POSSIBILITY OF NUMBER OF POINTS OF DETONATION WHICH COULD BE PUT CLOSE TOGETHER AND WHICH BY TECHNICAL MEANS PROVIDED FOR IN TREATY COULD NOT BE DISTINGUISHED. THE YIELD LIMITATION WOULD OF COURSE APPLY TO SUCH INDIVIDUAL EXPLOSIONS.

4. REDINOV THEN PROPOSED A POSSIBLE NEW DEFINITION: INDIVIDUAL EXPLOSION MEANS EXPLOSION CONSISTING OF ONE OR SEVERAL EXPLOSIONS WHEN IT IS NOT POSSIBLE OR NOT EXPEDIENT BY TECHNICAL MEANS TO DETERMINE THE NUMBER AND YIELD OF EACH EXPLOSIVE. RODIONOV SAID THEIR DEFINITION GIVES "FLEXIBILITY". SAFRONOV STATED THEY DID NOT UNDERSTAND REASON FOR US CONCERN.

5. US SIDE RESPONDED BY SAYING THEY STILL DID NOT SEE NEED FOR DEFINITION OF INDIVIDUAL EXPLOSION, BUT WOULD STUDY REMARKS OF SOVIET SIDE. LATER IN DISCUSSION OF INFORMATION EXCHANGE, SUBJECT WAS BRIEFLY RETURNED TO. SAFRONOV STATED THEY WOULD THINK OVER DEFINITION AND EITHER DELETE IT OR AMEND IT AND WOULD WELCOME SPECIFIC PROPOSAL FROM US.

6. THE SOVIET SIDE WAS ASKED WHY THEY HAD NOT USED US DEFINITION OF HOST PARTY. SAFRONOV RESPONDED THAT THE RUSSIAN EQUIVALENT WAS VERY UNCLEAR AND DOES NOT CORRESPOND TO MEANING IN ENGLISH. THE PHRASE "PARTY CARRYING OUT THE EXPLOSION" WHICH THEY USED WAS CLEAR IN BOTH LANGUAGES.

7. US SIDE NOTED THAT SOVIET SIDE HAS NOT ADOPTED THE US DEFINITION OF EMPLACEMENT HOLE AND ASKED IF THERE WAS REASON. BEZUMOV SAID THEY HAD OMITTED PHRASE "ANY INTERCONNECTED SPACE" IN ORDER TO MAKE DEFINITION MORE PRECISE AND PRECLUDE ANY MIS-UNDERSTANDING. HE SAID THE WORDS "ANY INTERCONNECTED SPACES" MIGHT MEAN LIMITLESS SPACE. HE GAVE TWO EXAMPLES. AS ONE EXAMPLE, HE SAID A NEARBY INSTRUMENT HOLE FOR THE PURPOSE OF YIELD MEASUREMENT WAS "INTERCONNECTED" TO THE EMPLACEMENT HOLE ON BASIS OF FORMULAS REGARDING ITS POSITION RELATIVE TO THE EMPLACEMENT HOLE IN US TEXT AND THUS, BY US DEFINITION, COULD BE CONSIDERED PART OF EMPLACEMENT HOLE. THE SECOND EXAMPLE WAS ORE CRUSHING PROJECT SHOWN IN FILM LAST FALL WHICH USES A COMPLEX LABYRINTH OF TUNNELS, INCLUDING A NUMBER OF SERVICE TUNNELS FOR A PRODUCTION OF ORE. ALL OF THESE ARE INTERCONNECTED, BUT HAVE
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NOTHING TO DO WITH METHOD OF YIELD DETERMINATION.

8. US SIDE SAID THEY WOULD STUDY BEZUMOV'S REMARKS, AND NOTED ADDITIONALLY THAT THE SOVIET SIDE HAD ALSO DELETED THE PHRASE "ENTIRE INTERIOR". SAFRONOV ASKED WHETHER INCLUSION OF THAT PHRASE IN THEIR DEFINITION WOULD MAKE SOVIET DEFINITION ACCEPTABLE. US SIDE REPEATED THEY WOULD STUDY BEZUMOV'S REMARKS.

9. US SIDE THEN ASKED QUESTIONS ABOUT DIFFERENCES IN US AND SOVIET FORMULATIONS ON INFORMATION EXCHANGE ITEMS:

(A) IN ARTICLE II PARA 1 SUBPARA (C) OF SOVIET TEXT, WHY DID SOVIETS USE WORD "WATER" INSTEAD OF "LIQUID"? SAFRONOV SAID HE DID NOT THINK IT WAS TRANSLATION ERROR AND WHEN REMINDED "LIQUID" WAS INTENDED TO INCLUDE "PETROLEUM" HE SAID THEY WOULD REVIEW THE WORDING.

(B) IN ARTICLE II PARA 1 SUBPARA (E) OF THE SOVIET TEXT, WHY DID SOVIETS USE "TIME DIFFERENCE BETWEEN INDIVIDUAL EXPLOSIONS IN A GROUP"? SAFRONOV SAID THAT THEY COULD SPECIFY THE TIME BETWEEN EXPLOSIONS IN A GROUP EARLY IN THE PLANNING PROCESS BUT THAT THE DETONATION OF THE FIRST EXPLOSION COULD NOT BE GIVEN WITH THE PRECISION STATED IN US DRAFT PROTOCOL WEEKS OR MONTHS BEFORE THE EXPLOSION. FURTHER, HE NOTED THAT THE DATE OF THE EXPLOSION WAS INCLUDED IN THE PRECEDING PARAGRAPH OF THE SOVIET DRAFT.

(C) WHERE WAS THE CONTENT OF ARTICLE II PARA 2 SUBPARA (B) OF US DRAFT TO BE FOUND IN SOVIET DRAFT? SAFRONOV SAID IT WAS THEIR BELIEF THAT THIS WAS COVERED IN SOVIET ARTICLE II PARA 1 SUBPARA (E) BY THE WORDS "GEOGRAPHICAL COORDINATES (WITH A PRECISION OF A SECOND OF LATITUDE AND LONGITUDE), DEPTH OF BURIAL (WITH A PRECISION OF A METER)". RODINOV SAID A SECOND OF LATITUDE WAS VERY CLOSE TO BEING EQUIVALENT TO ONE PERCENT OF THE LENGTH OF A KILOMETER-DEEP EMPLACEMENT HOLE. SAFRONOV SAID HE WOULD REVIEW THE MATTER.

(D) WHY WAS THE PHRASE IN US ARTICLE III PARA 3 SUBPARA (A), "A GEOLOGICAL CROSS-SECTION THROUGH THE POINT OF EACH EXPLOSION (STRATIGRAPHIC COLUMN)" OMITTED FROM SOVIET ARTICLE II PARA 1 SUBPARA (F)? SOVIETS SAID THEY THOUGH "GEOLOGIC-CROSS SECTION" AND "STRATIGRAPHIC COLUMN" WERE USED IN AN EQUIVALENT MANNER IN THE TEXT AND, IN VIEW OF THE NEED TO DEFINE THE LATERAL EXTENT AND ORIENTATION OF THE LATTER, CHOSE TO INCLUDE ONLY STRATIGRAPHIC COLUMN. AFTER MEETING NOVIKOV SAID HE WOULD LOOK UP THE TWO TERMS IN A SOVIET GEOLOGICAL GLOSSARY.

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10. US SIDE THEN STATED IT HAD ONLY A FEW GENERAL COMMENTS ON ARTICLE IV OF SOVIET PROTOCOL ON OBSERVER RIGHTS AND FUNCTIONS. IN US VIEW SOVIET ARTICLE WOULD NOT GIVE ASSURANCE THAT VALIDITY OF INFORMATION EXCHANGE COULD BE ESTABLISHED NOR THAT YIELD AND NUMBER OF EXPLOSIONS IN A GROUP COULD BE DETERMINED WITH CONFIDENCE. US HAD PROPOSED DRAFT WHICH THEY BELIEVED WOULD FULLFIL PURPOSE OF VERIFICATION. US SIDE NOTED THAT SOVIETS HAD EXPRESSED CONCERN US DRAFT COULD LEAD TO INTERFERENCE WITH PROJECT AND ACQUISITION OF KNOWLEDGE NOT NECESSARY FOR VERIFICATION. US SIDE DID NOT BELIEVE THIS WAS THE CASE WITH US DRAFT, FOR WE HAD TAKEN SUCH CONCERNS INTO ACCOUNT. THE US SIDE WAS PREPARED TO HEAR FROM SOVIET SIDE THE BASIS FOR THEIR CONCERNS ABOUT US DRAFT.

11. SAFRONOV SAID THEY WOULD TRY TO PERSUADE US SIDE THAT SOVIET ARTICLE IV CORRESPONDS TO PURPOSE OF TREATY. THEY HAD CAREFULLY STUDIED US DRAFT AND CONCLUDED IT WAS UNACCEPTABLE IN THIS RESPECT.

12. SOVIET SIDE SAID A MEETING FRIDAY WOULD CONFLICT WITH OTHER OBLIGATIONS. A MEETING FOR 10:00 AM, MONDAY, OCTOBER 13, WAS SCHEDULED.

13. PLEASE CABLE TEXT OF DEFINITIONS OF "GEOLOGIC-CROSS SECTION" AND "STRATIGRAPHIC COLUMN" TO BE FOUND IN NEW EDITION OF AMERICAN GEOLOGICAL INSTITUTE GLOSSARY. COPY OF GLOSSARY IS IN FRYKLUND'S STUDY AT HOME.
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